

9.1 Review

Grade: 8th
Subject: Physical Science
Date: 1/28/13

Jan 28-9:28 AM

- 1 If all the atoms of a sample of matter are alike, the matter is a(n) element.

Jan 28-9:42 AM

2 Substances made from a chemical combination of two or more elements are called compound.

H_2O = water

$NaCl$ = table salt

Jan 28-9:43 AM

3 A mixture that is not the same throughout is called a(n) _____ mixture.

Jan 28-9:44 AM

- 4 The difference between a mixture and a substance is that the composition of a mixture can vary while a substance is simply either an element or a compound.

True

False

Jan 28-9:45 AM

- 5 A(n) colloid is a heterogeneous mixture that, like a solution, never settles.

Jan 28-9:46 AM

Chapter 9 Review

Grade: 8th

Subject: Physical Science

Date: 2/4/13

Feb 3-2:52 PM

1 A copper wire will bend. This is an example of _____.

- A a chemical property
- B a physical property
- C conservation
- D an element

Feb 3-2:53 PM

2 Which of the following is not an element?

- A water
- B carbon
- C oxygen
- D hydrogen

Feb 3-2:53 PM

3 An example of a chemical change is _____.

- A boiling
- B burning
- C evaporation
- D melting

Feb 3-2:54 PM

4 Gelatin is an example of _____.

- A colloid
- B solution
- C substance
- D suspension

Feb 3-2:54 PM

5 A sunbeam is an example of _____.

- A an element
- B a solution
- C a suspension
- D the Tyndall Effect

Feb 3-2:55 PM

6 One way to destroy a colloid is called _____.

- A combustion
- B filtration
- C coagulation
- D technology

Feb 3-2:56 PM

7 The red color of a rose is a _____.

- A chemical change
- B chemical property
- C physical change
- D physical property

Feb 3-2:57 PM

8 The process of evaporating water from sea water for drinking is a _____

- A chemical change
- B chemical property
- C physical change
- D physical property

Feb 3-2:59 PM

9 Which warning label indicates a chemical property of the material being labeled?

- A "Fragile"
- B "Flammable"
- C "Handle with care"
- D "Shake well"

Feb 3-3:00 PM

10 Which of the following is a substance?

- A colloid
- B element
- C mixture
- D solution

Feb 3-3:01 PM

11 Table salt (NaCl) has properties different from sodium (Na) or chlorine (Cl) alone.

- True
- False

Feb 3-3:01 PM

12 Brass, the metal, can be considered a solution because it is a homogenous mixture.

True

False

Feb 3-3:02 PM

13 The process used to reduce a colloidal form of air pollution is called coagulation.

Feb 3-3:04 PM

14 A compound is the combination of atoms of two or more elements.

Feb 3-3:05 PM

15 A substance is either an element or a compound.

True

False

Feb 3-3:05 PM

16 A mixture that scatters light and never settles is a suspension.

colloid

True

False

Feb 3-3:06 PM

17 In a chemical change, matter is neither created, ^{or} ~~but~~ may be destroyed.

True

False

Feb 3-3:07 PM

18 A change in size, shape, or state is a physical change.

Feb 3-3:07 PM

19 A mixture that has parts that can be easily distinguished is a heterogeneous mixture.

True
False

Feb 3-3:08 PM

20 A solution is a homogenous mixture.

Feb 3-3:09 PM